

NEBRASKA WEATHER & CROPS

NEBRASKA
AGRICULTURAL
STATISTICS
SERVICE

For Week Ending September 18, 1994

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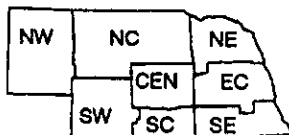
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National Agricultural Statistics Service
U.S. Department of Agriculture
and U.S. Department of Commerce
National Oceanic and Atmospheric Admn.
National Weather Service



Nebraska Department of Agriculture
Division of Agr'l. Statistics
Cooperative Extension Service
Institute of Agriculture
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WEATHER

Temperatures averaged four to nine degrees above normals for the week. Only scattered trace amounts of precipitation occurred throughout the week.

GENERAL

Hot, dry, windy weather conditions last week hastened the maturity of row crops and aided in the rapid field dry-down of those crops, according to the Nebraska Agricultural Statistics Service. Favorable weather conditions allowed continued soybean and dry bean harvest. Corn and sorghum grain harvest progressed at a slower rate. Other producer activities included pre-harvest equipment preparations, on-farm grain storage maintenance, wheat seeding preparation, and hay harvest.

CROPS

Corn condition was rated at 1% poor, 9% fair, 74% good, and 16% excellent. About 73% of the crop was mature by week's end, nearly ten days ahead of the 5-year average. Limited harvesting occurred again last week as only 6% had been picked as of Sunday, a few days ahead of the average. Harvest for seed and silage was nearing completion.

Soybean condition was rated at 2% poor, 14% fair, 73% good, and 11% excellent. Harvest progress was most advanced in the east central and south central districts.

CROPS (Cont.)

Statewide, harvest was 11% complete and compares with 0% last year and 2% for the 5-year average. Reports indicate low moisture content and good yields.

Sorghum condition was rated at 1% poor, 11% fair, 74% good, and 14% excellent. As of Sunday, 67% of the crop was mature, about two weeks ahead of the average. Harvest was underway on a limited scale with 4% cut to date. Cane harvest continued.

Dry bean harvest made excellent progress last week with 69% harvested by week's end. This compares to 31% harvested last year at this time.

Winter wheat seeding made excellent progress last week due to the weather conditions, although most fields need moisture to insure proper seed germination. Some producers indicate moisture is needed before seeding. To date, 57% of the intended acreage had been sown with 21% emerged.

Alfalfa condition was rated at 1% very poor, 4% poor, 38% fair, 53% good, and 4% excellent. Fourth cutting activities progressed to 39% harvested as of Sunday.

LIVESTOCK

Pasture and range condition was rated at 83% of normal and compares with 103% last year. As in past weeks, areas of the State with dry conditions experienced short grazing potential with some supplemental haying necessary while other areas continued to have good grazing potential. However, rainfall is needed in all areas.

FIELD WORK PROGRESS AS OF SEPTEMBER 18, 1994	AGRICULTURAL STATISTICS DISTRICTS								STATE	LAST WEEK	LAST YEAR	AVER- AGE
	NW	NC	NE	C	EC	SW	SC	SE				
% corn mature	63	27	70	64	78	86	72	94	73	33	16	40
% corn harvested	6	4	5	6	5	4	7	11	6	3	0	4
% sorghum turning color	0	100	100	100	99	100	100	96	97	95	71	81
% sorghum mature	0	35	46	56	68	77	55	73	67	24	6	29
% sorghum harvested	0	0	2	0	4	2	5	4	4	0	0	3
% soybeans turning color	0	100	100	100	100	100	100	98	100	88	62	75
% soybeans dropping leaves	0	77	75	83	83	93	84	77	79	42	22	36
% soybeans harvested	0	9	8	7	16	5	17	7	11	1	0	2
% alfalfa fourth cutting	7	17	33	58	44	65	52	59	39	18	15	n/a
% wheat sown	87	90	13	50	28	54	34	20	57	20	43	43
% wheat emerged	44	21	0	13	3	14	3	3	21	0	0	6
% dry beans dropping leaves	98	100	97	0	0	100	100	0	98	67	87	n/a
% dry beans harvested	70	89	87	0	0	69	35	0	69	33	31	n/a

DAYS SUITABLE AND SOIL MOISTURE CONDITION AS OF SEPTEMBER 16, 1994

Days suitable	6.5	6.9	6.4	7.0	7.0	6.6	7.0	6.9	6.8	5.4	5.8
Topsoil moisture - Short	85	73	48	80	85	100	87	83	76	39	8
(Percent) - Adequate	15	27	52	20	15	0	13	17	24	60	89
- Surplus	0	0	0	0	0	0	0	0	0	1	3
Subsoil moisture - Short	69	13	9	40	30	86	33	67	36	32	3
(Percent) - Adequate	31	87	91	60	70	14	67	33	64	68	87
- Surplus	0	0	0	0	0	0	0	0	0	0	10

n/a = not available

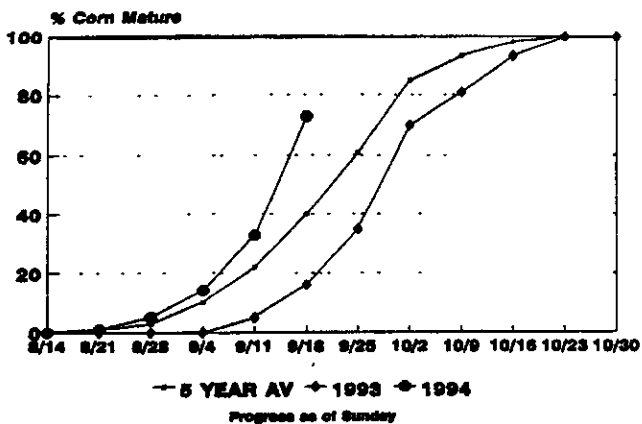
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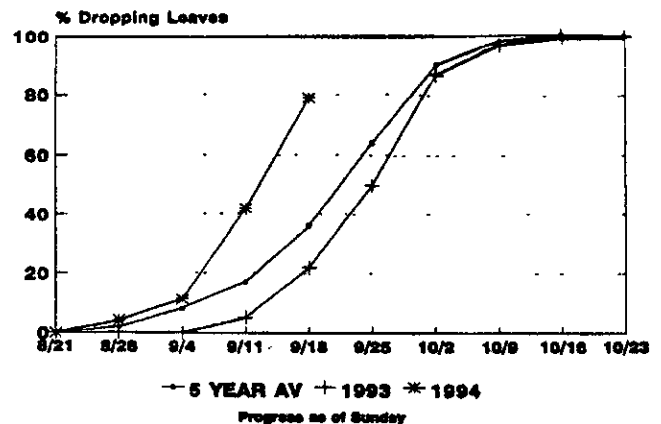
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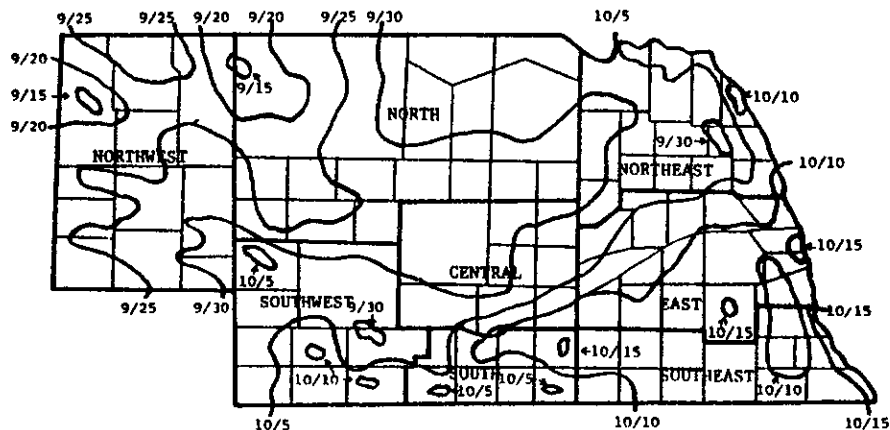
CORN MATURE



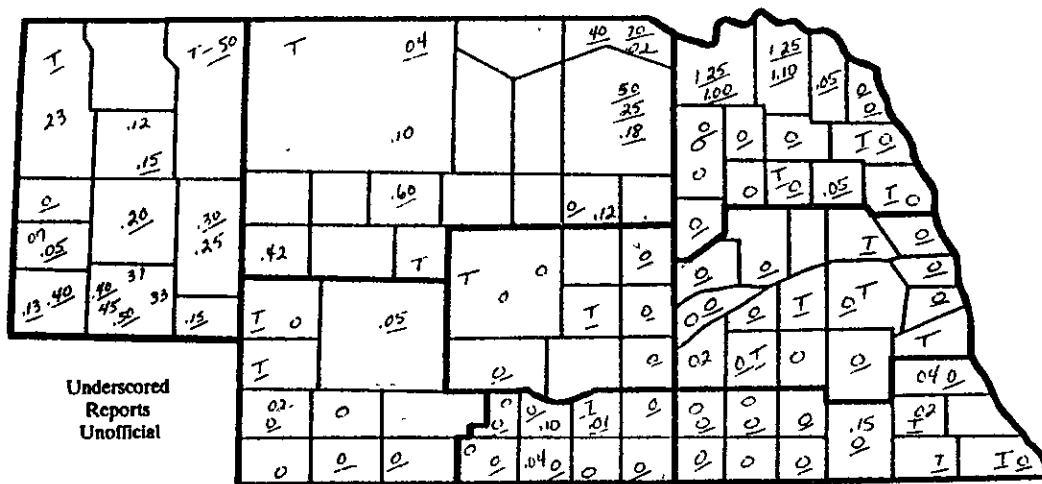
SOYBEANS DROPPING LEAVES



NEBRASKA -- AVERAGE DATE OF FIRST 32°F TEMPERATURE IN FALL 1/



PRECIPITATION MAP FOR WEEK ENDING FRIDAY, SEPTEMBER 16, 1994



PRECIPITATION, APRIL 1 - SEPTEMBER 16, 1994

	NW	NC	NE	CEN	EC	SW	SC	SE
Total past week	.26	.09	.00	.01	.01	.01	.02	.02
Total since April 1	8.79	15.73	16.28	16.90	19.64	12.14	15.82	17.72
Normal since April 1	12.55	15.56	18.10	16.90	19.60	14.13	17.24	20.65
Total as % of normal	70%	101%	90%	100%	100%	86%	92%	86%

TEMPERATURE, PRECIPITATION, AND GROWING DEGREE DAY DATA, WEEK ENDING SUNDAY, SEPTEMBER 18, 1994

Station		Temperature				Precipitation Total Inches 1/	Growing Degree Data Since April 15			
		Extremes		Mean	Departure		Last Week	Current	Normal	
		Max	Min							
NW	Chadron	94	39	66	---	0	---	---	---	
	Scottsbluff	93	43	66	+4	.05	2594	2711	2554	
	Sidney	---	---	---	---	---	2520	2634	2355	
NC	Valentine	95	37	67	+5	0	---	---	---	
	Arthur	---	---	---	---	---	2498	2617	2384	
	O'Neill	---	---	---	---	---	2512	2644	2671	
NE	Norfolk	94	44	72	+9	T	---	---	---	
	Sioux City	95	45	73	+9	T	---	---	---	
	Concord	---	---	---	---	---	2554	2692	2738	
	Elgin	---	---	---	---	---	2603	2741	2680	
	West Point	---	---	---	---	---	2718	2866	2818	
	CEN	Grand Island	96	42	72	+8	T	---	---	
	Ord	94	36	69	---	0	2691	2832	2688	
	Wood River	---	---	---	---	---	2778	2920	2951	
	EC	Lincoln	94	41	72	+7	T	3026	3183	3071
	Omaha	93	45	73	+7	.02	---	---	---	
	Central City	---	---	---	---	---	2782	2928	2962	
	Mead	---	---	---	---	---	2775	2926	2933	
	Rising City	---	---	---	---	---	2759	2906	2896	
	SW	Imperial	95	45	69	---	0	---	---	
	North Platte	94	38	68	+6	.05	2640	2769	2627	
	McCook	---	---	---	---	---	2920	3063	2913	
	SC	Holdrege	---	---	---	---	---	2841	2981	2864
	Red Cloud	---	---	---	---	---	2911	3063	2929	
SE	Beatrice	---	---	---	---	---	2899	3050	2976	
	Clay Center	---	---	---	---	---	2818	2963	2927	

1/ Precipitation totals not included in map above.

Growing Degree Days (GDD) are used to measure the length of time required for a crop to reach maturity. The formula used to calculate GDD is: Max. temp. + min. temp. divided by 2 minus 50 = GDD. For example, if the average temperature for a day = 70 degrees, the GDD = 20 for that day. GDD are calculated for each day and accumulated from April 15.

Growing Degree Day data is furnished by the Department of Agricultural Meteorology, Institute of Agriculture and Natural Resources, The University of Nebraska-Lincoln.